

SCORE Search Results Details for Application 10552515 and Search Result 20080624_135935_us-10-552-515-1_copy_157_933.szlrm.rapbm.

Score Home	Retrieve Application	SCORE System	SCORE	Comments /
Page	List	Overview	FAQ	Suggestions

This page gives you Search Results detail for the Application 10552515 and Search Result 20080624_135935_us-10-552-515-1_copy_157_933.szlrm.rapbm.

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OM protein - protein search, using sw model

Run on: June 24, 2008, 15:43:04 ; Search time 960 Seconds
(without alignments)
751.106 Million cell updates/sec

Title: US-10-552-515-1_COPY_157_933
Perfect score: 4123
Sequence: 1 QQDVQDGNTTVHYALLSASW.....SELSSHWTPTVPKASQLQQ 777

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 4051641 seqs, 928007118 residues

Total number of hits satisfying chosen parameters: 605423

Minimum DB seq length: 8
Maximum DB seq length: 20

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_Main:*
1: /ABSS/Data/CRF/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /ABSS/Data/CRF/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
3: /ABSS/Data/CRF/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
4: /ABSS/Data/CRF/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
5: /ABSS/Data/CRF/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
6: /ABSS/Data/CRF/ptodata/1/pubpaa/US11A_PUBCOMB.pep:*
7: /ABSS/Data/CRF/ptodata/1/pubpaa/US11B_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	% Query			DB	ID	Description
	Score	Match	Length			
1	65	1.6	20	3	US-09-864-761-46935	Sequence 46935, A
2	48	1.2	9	5	US-10-552-515-9	Sequence 9, Appli
3	48	1.2	16	5	US-10-834-397-238	Sequence 238, App
4	48	1.2	16	7	US-11-642-593-238	Sequence 238, App
5	47	1.1	20	3	US-09-852-455-51	Sequence 51, Appl
6	47	1.1	20	4	US-10-639-076-2	Sequence 2, Appli
7	46	1.1	9	5	US-10-552-515-3	Sequence 3, Appli
8	45.5	1.1	20	5	US-10-485-788A-622	Sequence 622, App
9		45	1.1	16	6	US-11-471-853-87
10	45	1.1	20	4	US-10-212-679-398	Sequence 398, App
11	45	1.1	20	4	US-10-212-679-399	Sequence 399, App
12	45	1.1	20	4	US-10-079-137B-398	Sequence 398, App
13	45	1.1	20	4	US-10-079-137B-399	Sequence 399, App
14	45	1.1	20	6	US-11-139-041-398	Sequence 398, App
15	45	1.1	20	6	US-11-139-041-399	Sequence 399, App
16	45	1.1	20	6	US-11-352-424-398	Sequence 398, App
17	45	1.1	20	6	US-11-352-424-399	Sequence 399, App
18	44	1.1	9	5	US-10-552-515-10	Sequence 10, Appl
19	44	1.1	16	4	US-10-719-642-80	Sequence 80, Appl
20	44	1.1	18	4	US-10-437-708-190	Sequence 190, App
21	44	1.1	18	5	US-10-257-199-190	Sequence 190, App
22	44	1.1	18	5	US-10-418-032-190	Sequence 190, App
23	44	1.1	18	6	US-11-243-295-190	Sequence 190, App
24	44	1.1	19	3	US-09-400-564-15	Sequence 15, Appl
25	44	1.1	19	4	US-10-437-708-1	Sequence 1, Appli
26	44	1.1	19	4	US-10-437-708-146	Sequence 146, App
27	44	1.1	19	4	US-10-437-708-150	Sequence 150, App
28	44	1.1	19	4	US-10-437-708-152	Sequence 152, App
29	44	1.1	19	4	US-10-395-402-1	Sequence 1, Appli
30	44	1.1	19	4	US-10-395-402-113	Sequence 113, App
31	44	1.1	19	5	US-10-257-199-1	Sequence 1, Appli
32	44	1.1	19	5	US-10-257-199-146	Sequence 146, App
33	44	1.1	19	5	US-10-257-199-150	Sequence 150, App
34	44	1.1	19	5	US-10-257-199-152	Sequence 152, App
35	44	1.1	19	5	US-10-418-032-1	Sequence 1, Appli
36	44	1.1	19	5	US-10-418-032-146	Sequence 146, App
37	44	1.1	19	5	US-10-418-032-150	Sequence 150, App
38	44	1.1	19	5	US-10-418-032-152	Sequence 152, App
39	44	1.1	19	6	US-11-243-295-1	Sequence 1, Appli
40	44	1.1	19	6	US-11-243-295-146	Sequence 146, App
41	44	1.1	19	6	US-11-243-295-150	Sequence 150, App
42	44	1.1	19	6	US-11-243-295-152	Sequence 152, App
43	44	1.1	19	6	US-11-173-811-1	Sequence 1, Appli
44	44	1.1	19	6	US-11-173-811-113	Sequence 113, App
45	44	1.1	20	5	US-10-661-156-185	Sequence 185, App

ALIGNMENTS

RESULT 1

US-09-864-761-46935

; Sequence 46935, Application US/09864761

; Patent No. US20020048763A1

; GENERAL INFORMATION:

; APPLICANT: Penn, Sharron G.

; APPLICANT: Rank, David R.

; APPLICANT: Hanzel, David K.

; APPLICANT: Chen, Wensheng

; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

; FILE REFERENCE: Aeomica-X-1

; CURRENT APPLICATION NUMBER: US/09/864,761

; CURRENT FILING DATE: 2001-05-23

; PRIOR APPLICATION NUMBER: US 60/180,312

; PRIOR FILING DATE: 2000-02-04

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 09/632,366

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 09/608,408

; PRIOR FILING DATE: 2000-06-30

; PRIOR APPLICATION NUMBER: US 09/774,203

; PRIOR FILING DATE: 2001-01-29

; NUMBER OF SEQ ID NOS: 49117

; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1

; SEQ ID NO 46935

```

;   LENGTH: 20
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   OTHER INFORMATION: MAP TO AC007539.8
;   OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3
;   OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.8
;   OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.4
;   OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.3
;   OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2
;   OTHER INFORMATION: EST_HUMAN HIT: AU142869.1, EVALUE 3.00e-04
US-09-864-761-46935

```

```

Query Match          1.6%;   Score 65;   DB 3;   Length 20;
Best Local Similarity 60.0%;   Pred. No. 1.3e+02;
Matches   12;   Conservative   3;   Mismatches   5;   Indels   0;   Gaps   0;

```

```

Qy      437 IFQFVNIFYSSPVYIAFFKGR 456
        : :||| || |:|||||
Db      1 LLKFVNAYSIFYVAFFKGR 20

```

RESULT 2

US-10-552-515-9

```

; Sequence 9, Application US/10552515
; Publication No. US20060194204A1
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America as
; APPLICANT: represented by the Secretary of the Department of Health and
; APPLICANT: Human Services
; APPLICANT: Bera, Tapan K.
; APPLICANT: Pastan, Ira H.
; APPLICANT: Lee, Byungkook
; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE
; FILE REFERENCE: 4239-68223-02
; CURRENT APPLICATION NUMBER: US/10/552,515
; CURRENT FILING DATE: 2005-10-06
; PRIOR APPLICATION NUMBER: PCT/US2004/10588
; PRIOR FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: 60/461,399
; PRIOR FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate
US-10-552-515-9

```

```

Query Match          1.2%;   Score 48;   DB 5;   Length 9;
Best Local Similarity 100.0%;   Pred. No. 3.7e+06;
Matches   9;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

```

Qy 247 WLLSSACAL 255
 |||||
 Db 1 WLLSSACAL 9

RESULT 3

US-10-834-397-238

; Sequence 238, Application US/10834397

; Publication No. US20060003334A1

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

; Pack, Peter

; Ilag, Vic

; Ge, Liming

; Moroney, Simon

; Plueckthun, Andreas

; TITLE OF INVENTION: Protein/(Poly)peptide libraries

; NUMBER OF SEQUENCES: 373

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10021

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/834,397

; FILING DATE: 29-Apr-2004

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/490,324

; FILING DATE: 24-Jan-2000

; APPLICATION NUMBER: US/09/025,769

; FILING DATE: 18-FEB-1998

; APPLICATION NUMBER: EP 95 11 3021.0

; FILING DATE: 18-AUG-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: James F. Haley, Jr., Esq.

; REGISTRATION NUMBER: 27,794

; REFERENCE/DOCKET NUMBER: MORPHO/5

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212)596-9000

; TELEFAX: (212)596-9090

; INFORMATION FOR SEQ ID NO: 238:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 16 amino acids

; TYPE: amino acid

; STRANDEDNESS: <Unknown>

; TOPOLOGY: linear

```
;      MOLECULE TYPE: protein
;      FRAGMENT TYPE: internal
;      SEQUENCE DESCRIPTION: SEQ ID NO: 238:
US-10-834-397-238
```

```
Query Match          1.2%;  Score 48;  DB 5;  Length 16;
Best Local Similarity 50.0%;  Pred. No. 4.7e+03;
Matches      7;  Conservative      3;  Mismatches      4;  Indels      0;  Gaps      0;
```

```
Qy      165 ARWGKWNKYQPLDH 178
      ||| :| | |:|:
Db      2 ARWRDFNSYDPM DY 15
```

RESULT 4

US-11-642-593-238

; Sequence 238, Application US/11642593

; Publication No. US20080026948A1

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

; APPLICANT: Pack, Peter

; APPLICANT: Ilag, Vic

; APPLICANT: Ge, Liming

; APPLICANT: Moroney, Simon

; APPLICANT: Plueckthun, Andreas

; TITLE OF INVENTION: Protein/(Poly)peptide libraries

; NUMBER OF SEQUENCES: 373

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10021

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/11/642,593

; FILING DATE: 21-Dec-2006

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/490,324

; FILING DATE: 24-Jan-2000

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/025,769

; FILING DATE: 18-FEB-1998

; APPLICATION NUMBER: EP 95 11 3021.0

; FILING DATE: 18-AUG-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: James F. Haley, Jr., Esq.

; REGISTRATION NUMBER: 27,794

; REFERENCE/DOCKET NUMBER: MORPHO/5

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)596-9000
; TELEFAX: (212)596-9090
; INFORMATION FOR SEQ ID NO: 238:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
US-11-642-593-238

```

```

Query Match          1.2%; Score 48; DB 7; Length 16;
Best Local Similarity 50.0%; Pred. No. 4.7e+03;
Matches      7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy      165 ARWGKWKYQPLDH 178
        ||| :| | |:|
Db      2 ARWRDFNSYDPM DY 15

```

```

RESULT 5
US-09-852-455-51
; Sequence 51, Application US/09852455
; Publication No. US20030054348A1
; GENERAL INFORMATION:
; APPLICANT: BLUME, ARTHUR J.
; APPLICANT: GOLDSTEIN, NEIL
; APPLICANT: PILLUTA, RENUKA
; APPLICANT: HSIAO, KU-CHUAN
; APPLICANT: PRENDERGAST, JOHN
; TITLE OF INVENTION: METHODS OF IDENTIFYING THE ACTIVITY OF GENE PRODUCTS
; FILE REFERENCE: 2598-4004US1
; CURRENT APPLICATION NUMBER: US/09/852,455
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/202,912
; PRIOR FILING DATE: 2000-05-09
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-852-455-51

```

```

Query Match          1.1%; Score 47; DB 3; Length 20;
Best Local Similarity 46.7%; Pred. No. 8.2e+03;
Matches      7; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

```

```

Qy      160 LFQHWARWGKWKYQ 174

```

Db 3 LFTEWFRGGWSNRY 17

RESULT 6

US-10-639-076-2
 ; Sequence 2, Application US/10639076
 ; Publication No. US20040077547A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mark S. Dennis
 ; TITLE OF INVENTION: FVIIa Antagonists
 ; FILE REFERENCE: P1639R1
 ; CURRENT APPLICATION NUMBER: US/10/639,076
 ; CURRENT FILING DATE: 2003-08-11
 ; PRIOR APPLICATION NUMBER: US/09/632,429
 ; PRIOR FILING DATE: 2000-08-04
 ; PRIOR APPLICATION NUMBER: US 60/147,627
 ; PRIOR FILING DATE: 1999-08-06
 ; PRIOR APPLICATION NUMBER: US 60/150,315
 ; PRIOR FILING DATE: 1999-08-23
 ; NUMBER OF SEQ ID NOS: 100
 ; SEQ ID NO 2
 ; LENGTH: 20
 ; TYPE: PRT
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: synthetic peptide sequence
 US-10-639-076-2

Query Match 1.1%; Score 47; DB 4; Length 20;
 Best Local Similarity 52.9%; Pred. No. 8.2e+03;
 Matches 9; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

Qy 17 SASWAVLCYYAEDLRK 33
 | | |||: || ||:
 Db 1 SEEWELCWTWEDCRLE 17

RESULT 7

US-10-552-515-3
 ; Sequence 3, Application US/10552515
 ; Publication No. US20060194204A1
 ; GENERAL INFORMATION:
 ; APPLICANT: The Government of the United States of America as
 ; APPLICANT: represented by the Secretary of the Department of Health and
 ; APPLICANT: Human Services
 ; APPLICANT: Bera, Tapan K.
 ; APPLICANT: Pastan, Ira H.
 ; APPLICANT: Lee, Byungkook
 ; TITLE OF INVENTION: GENE EXPRESSED IN PROSTATE CANCER AND METHODS OF USE
 ; FILE REFERENCE: 4239-68223-02
 ; CURRENT APPLICATION NUMBER: US/10/552,515
 ; CURRENT FILING DATE: 2005-10-06
 ; PRIOR APPLICATION NUMBER: PCT/US2004/10588

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; PRIOR FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: 60/461,399
; PRIOR FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice Variant-Novel Gene Expressed in Prostate
US-10-552-515-3

```

```

Query Match          1.1%; Score 46; DB 5; Length 9;
Best Local Similarity 100.0%; Pred. No. 3.7e+06;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      271 SLFMALWAV 279
        |||||
Db      1 SLFMALWAV 9

```

RESULT 8

US-10-485-788A-622

```

; Sequence 622, Application US/10485788A
; Publication No. US20050282743A1
; GENERAL INFORMATION:
; APPLICANT: Lu, Peter S.
; APPLICANT: Rabinowitz, Joshua D.
; APPLICANT: Schweizer, Johannes
; APPLICANT: Carrick, Deanna Marie
; APPLICANT: Arbor Vita Corporation
; TITLE OF INVENTION: Molecular Interactions in Cells
; FILE REFERENCE: 20054-003320US
; CURRENT APPLICATION NUMBER: US/10/485,788A
; CURRENT FILING DATE: 2004-02-03
; PRIOR APPLICATION NUMBER: US 60/309,841
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/360,061
; PRIOR FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: WO PCT/US02/24655
; PRIOR FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 622
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Human adenovirus
US-10-485-788A-622

```

```

Query Match          1.1%; Score 45.5; DB 5; Length 20;
Best Local Similarity 57.9%; Pred. No. 1.2e+04;
Matches     11; Conservative      2; Mismatches      5; Indels      1; Gaps      1;

```

Qy 303 DTEERPR-PQFAASAPMTA 320
 |:| || |||: || ||
 Db 2 DSERRPHFPQFSYASSTA 20

RESULT 9

US-11-471-853-87
 ; Sequence 87, Application US/11471853
 ; Publication No. US20070154479A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ISU ABXIS CO., LTD
 ; APPLICANT: KIM, Myung Kyung
 ; APPLICANT: CHUNG, Jay Hang
 ; APPLICANT: PARK, June-Young
 ; APPLICANT: YOO, Hyouna
 ; APPLICANT: LEE, Sang-Min
 ; APPLICANT: LEE, Yoon-Seok
 ; APPLICANT: KOO, Mison
 ; APPLICANT: PARK, Sang-Hol
 ; APPLICANT: LEE, Juheng
 ; APPLICANT: HUR, Young Mi
 ; TITLE OF INVENTION: EFFECT OF BST2 ON INFLAMMATION
 ; FILE REFERENCE: 12300-02CIP
 ; CURRENT APPLICATION NUMBER: US/11/471,853
 ; CURRENT FILING DATE: 2006-06-20
 ; PRIOR APPLICATION NUMBER: PCT/KR05/04398
 ; PRIOR FILING DATE: 2005-12-20
 ; NUMBER OF SEQ ID NOS: 148
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 87
 ; LENGTH: 16
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-11-471-853-87

Query Match 1.1%; Score 45; DB 6; Length 16;
 Best Local Similarity 61.5%; Pred. No. 9.4e+03;
 Matches 8; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 373 VSRSGNTLLAAWA 385
 :| |||| |:||
 Db 2 ISTSGNTYYASWA 14

RESULT 10

US-10-212-679-398
 ; Sequence 398, Application US/10212679
 ; Publication No. US20030125536A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fanger, Gary
 ; APPLICANT: Hirst, Shannon Kathleen
 ; APPLICANT: Dillon, Davin
 ; APPLICANT: Foy, Teresa
 ; APPLICANT: Houghton, Ray

```

; APPLICANT: Persing, David
; APPLICANT: Kalos, Michael
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C14
; CURRENT APPLICATION NUMBER: US/10/212,679
; CURRENT FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 398
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-212-679-398

```

```

Query Match          1.1%; Score 45; DB 4; Length 20;
Best Local Similarity 43.5%; Pred. No. 1.3e+04;
Matches 10; Conservative 2; Mismatches 1; Indels 10; Gaps 1;

```

```

Qy      7 GNTTVHYALLSASWAVLCYYAED 29
        ||||:||||:      | ||
Db      8 GNTTLHYAI-----YNEED 20

```

RESULT 11

US-10-212-679-399

```

; Sequence 399, Application US/10212679
; Publication No. US20030125536A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Fanger, Gary
; APPLICANT: Hirst, Shannon Kathleen
; APPLICANT: Dillon, Davin
; APPLICANT: Foy, Teresa
; APPLICANT: Houghton, Ray
; APPLICANT: Persing, David
; APPLICANT: Kalos, Michael
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C14
; CURRENT APPLICATION NUMBER: US/10/212,679
; CURRENT FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 399
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-212-679-399

```

```

Query Match          1.1%; Score 45; DB 4; Length 20;
Best Local Similarity 43.5%; Pred. No. 1.3e+04;
Matches 10; Conservative 2; Mismatches 1; Indels 10; Gaps 1;

```

```

Qy      7 GNTTVHYALLSASWAVLCYYAED 29

```

```

      ||||:||||:      | ||
Db      3 GNTTLHYAI-----YNED 15

```

RESULT 12

US-10-079-137B-398

```

; Sequence 398, Application US/10079137B
; Publication No. US20040073016A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Reed, Steven G.
; APPLICANT: Smith, John M.
; APPLICANT: Misher, Lynda E.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Day, Craig H.
; APPLICANT: Li, Samuel X.
; APPLICANT: Deng, Ta
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C13
; CURRENT APPLICATION NUMBER: US/10/079,137B
; CURRENT FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 398
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-079-137B-398

```

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Query Match          1.1%; Score 45; DB 4; Length 20;
Best Local Similarity 43.5%; Pred. No. 1.3e+04;
Matches 10; Conservative 2; Mismatches 1; Indels 10; Gaps 1;

```

```

Qy      7 GNTTVHYALLSASWAVLCYYAED 29
      ||||:||||:      | ||
Db      8 GNTTLHYAI-----YNED 20

```

RESULT 13

US-10-079-137B-399

```

; Sequence 399, Application US/10079137B
; Publication No. US20040073016A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Reed, Steven G.
; APPLICANT: Smith, John M.
; APPLICANT: Misher, Lynda E.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Retter, Marc W.

```

```
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Day, Craig H.
; APPLICANT: Li, Samuel X.
; APPLICANT: Deng, Ta
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C13
; CURRENT APPLICATION NUMBER: US/10/079,137B
; CURRENT FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 399
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-079-137B-399
```

```
Query Match          1.1%; Score 45; DB 4; Length 20;
Best Local Similarity 43.5%; Pred. No. 1.3e+04;
Matches 10; Conservative 2; Mismatches 1; Indels 10; Gaps 1;

Qy      7 GNTTVHYALLSASWAVLCYYAED 29
        |||||:|:|:      | ||
Db      3 GNTTLHYAI-----YNED 15
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RESULT 14

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US-11-139-041-398
; Sequence 398, Application US/11139041
; Publication No. US20060083749A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary R.
; APPLICANT: Hirst, Shannon Kathleen
; APPLICANT: Dillon, Davin C.
; APPLICANT: Foy, Teresa M.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C15
; CURRENT APPLICATION NUMBER: US/11/139,041
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 10/079,137
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/924,400
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: US 09/810,936
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 09/699,295
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: US 09/590,583
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; PRIOR FILING DATE: 2000-06-08
; PRIOR APPLICATION NUMBER: US 09/577,505
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/534,825
; PRIOR FILING DATE: 2000-03-23
; PRIOR APPLICATION NUMBER: US 09/429,755
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: US 09/289,198
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 09/062,451
; PRIOR FILING DATE: 1998-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 398
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-139-041-398

```

```

Query Match          1.1%; Score 45; DB 6; Length 20;
Best Local Similarity 43.5%; Pred. No. 1.3e+04;
Matches 10; Conservative 2; Mismatches 1; Indels 10; Gaps 1;

```

```

Qy      7 GNTTVHYALLSASWAVLCYYAED 29
        ||||:||||:          | ||
Db      8 GNTTLHYAI-----YNED 20

```

RESULT 15

US-11-139-041-399

```

; Sequence 399, Application US/11139041
; Publication No. US20060083749A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary R.
; APPLICANT: Hirst, Shannon Kathleen
; APPLICANT: Dillon, Davin C.
; APPLICANT: Foy, Teresa M.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C15
; CURRENT APPLICATION NUMBER: US/11/139,041
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 10/079,137
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/924,400
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: US 09/810,936
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 09/699,295
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: US 09/590,583

```

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; PRIOR FILING DATE: 2000-06-08
; PRIOR APPLICATION NUMBER: US 09/577,505
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/534,825
; PRIOR FILING DATE: 2000-03-23
; PRIOR APPLICATION NUMBER: US 09/429,755
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: US 09/289,198
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 09/062,451
; PRIOR FILING DATE: 1998-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 399
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-139-041-399

```

```

Query Match          1.1%; Score 45; DB 6; Length 20;
Best Local Similarity 43.5%; Pred. No. 1.3e+04;
Matches 10; Conservative 2; Mismatches 1; Indels 10; Gaps 1;

```

```

Qy      7 GNTTVHYALLSASWAVLCYYAED 29
        ||||:||||:          | ||
Db      3 GNTTLHYAI-----YNED 15

```

Search completed: June 24, 2008, 15:59:09
Job time : 964 secs

SCORE 3.6